

WHAT IS CLAIMED IS:

1. A method for an interface for data entry, comprising
detecting an initial press;
detecting a release;
detecting a movement between the press and release, wherein
detecting the movement further comprises detecting entering or
leaving one or more of a set of zones;
normalizing the initial press, the movement and the release
into a discrete message.
2. The method of claim 2, wherein the set of zones comprises a
set of interkey zones and a set of key zones, wherein no two key
zones are contiguous, and each key zone is contiguous with at
least one interkey zone.
3. The method of claim 2, wherein the set of zones is arranged
in a set of rows.
4. The method of claim 3, wherein the set of rows forms at
least one concentric curve.
5. The method of claim 3, wherein each row has an key zone at
each end, and there is an interkey zone between each key zone in
the row.
6. The method of claim 5, wherein each interkey zone overlaps
with at least the two adjacent key zones with which it is
contiguous.
7. The method of claim 6, wherein every part of each interkey

zone is associated with one of the at least two adjacent key zones with which it is contiguous.

8. The method of claim 7, wherein the association is based on the movement.

9. The method of claim 1, wherein the discrete message contains a location and a direction.

10. The method of claim 9, associating a semantic meaning with the discrete message

11. The method of claim 10, wherein the initial press is in a first zone and the release is in a second zone.

12. A system for an interface for data entry, comprising a sensor operable for:
- detecting an initial press;
 - detecting a release;
 - detecting a movement between the press and release,
- wherein detecting the movement further comprises detecting entering or leaving one or more of a set of zones; and
- logic operable for:
- normalizing the initial press, the movement and the release into a discrete message.
13. The system of claim 12, wherein the set of zones comprises a set of interkey zones and a set of key zones, wherein no two key zones are contiguous, and each key zone is contiguous with at least one interkey zone.
14. The system of claim 13, wherein the set of zones are arranged in a set of rows.
15. The system of claim 14, wherein the set of rows forms at least one concentric curve.
16. The system of claim 14, wherein each row has an key zone at each end, and there is an interkey zone between each key zone in the row.
17. The system of claim 16, wherein each interkey zone overlaps with at least the two adjacent key zones with which it is contiguous.

18. The system of claim 17, wherein every part of each interkey zone is associated with one of the at least two adjacent key zones with which it is contiguous.

19. The system of claim 18, wherein the association is based on the movement.

20. The system of claim 12, wherein the discrete message contains a location and a direction.

21. The system of claim 20, wherein the logic is operable for associating a semantic meaning with the discrete message

22. The system of claim 21, wherein the initial press is in a first zone and the release is in a second zone.

23. A system for an interface for data entry, comprising
a sensor operable for:
 detecting an initial press;
 detecting a release;
 detecting a movement between the press and release,
wherein detecting the movement further comprises detecting
entering or leaving one or more of a set of zones implemented
with the sensor; and
 logic operable for:
 normalizing the initial press, the movement and the
release into a semantic meaning based upon a context associated
with each of the zones.